

Space Science Seminar
WEDNESDAY, 2015 November 18
10:30 a.m.
NSSTC/2257

**The Thirty-Meter Telescope Observatory
Project: The Next Generation Ground-Based
Optical/Infra-Red Observatory**

Dr. Warren Skidmore / Thirty-Meter Telescope Observatory
Host: Dr. Linda Sparke

After a short construction status update, this talk will discuss some of the observational capabilities that the Thirty-Meter Telescope will provide and some of the areas of study that will benefit from the TMT's capabilities, specifically synergistic areas with space-based, high-energy observatories. I will describe how the telescope design was developed to support a broad range of observing capabilities and how the observatory is being engineered. Finally, I will describe the avenues through which astronomers can have input in the planning of the project, prioritizing the development of 2nd generation instruments and directing the scientific aims for the observatory.

<http://solarscience.msfc.nasa.gov/colloquia/>